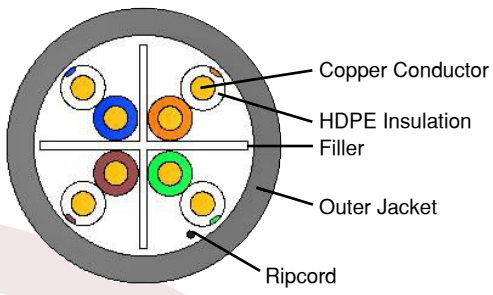


Description: Product Description: 4P U/UTP CAT6 23AWG PE LAN CABLE Reference standard: ANSI/TIA-568.2-D & ISO/IEC 11801 Rated temperature: 60°C Flame test: Color-coded PE insulation Solid copper PE jacket	Application: 100 Base-TX 100 Base-T 100VG-AnyLAN 1000 Base-T(Gigabit Ethernet) 1000 Base-TX 155Mbps ATM 622Mbps ATM
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Data Sheet

Structure	Construction	U/UTP	
	Number of pairs	4Pairs	
Conductor	AWG	23AWG	
	Material	Solid copper	
Insulation	Conductor dimension (mm)	0.55±0.01	
	Insulation Material	HDPE	
Insulation	Insulation dimension(mm)	0.96±0.05	
	1	White-Blue/Blue	
Pairs	2	White-Orange/Orange	
	3	White-Green/Green	
	4	White-Brown/Brown	
Filler	Filler material	YES	Electrical Characteristics 1--250MHz Impedance 100 ±15Ω Max. delay skew ≤ 45ns/100m Max. conductor resistance 93.8Ω/km Max. conductor resistance unbalance 5% Min. insulation resistance 5000 MΩ - km Nom. mutual capacitance ≤5.6nF/100m Nominal velocity of propagation 69% Mechanical Characteristics Outer jacket tensile strength ≥9.7Mpa Outer jacket elongation ≥350% Outer jacket aging condition 100°C x 168hrs After aging, Tensile strength ≥8Mpa After aging, Elongation ≥300% Cold bend No crack (@-20°Cx4hrs) Hot impact NO Crack(@150°Cx4hrs)
Binder	Binder material	N/A	
Shield	Individual shield & material	N/A	
	Primary overall shield & material	N/A	
	Secondary overall shield & material	N/A	
	Shield coverage	N/A	
Outer jacket	Drain wire	N/A	
	Outer jacket material	PE	
	Outer jacket nominal thickness(mm)	0.50 ± 0.05	
	Overall dimension (mm)	5.8 ± 0.3	
	Outer jacket colour	Per customer request	
Outer jacket	Outer jacket rip cord	YES	
	Test	Perm.Link test by fluke 90±5m	